

# ABSTRACT

The invention is involved in a system for duplicating keys in vehicles having a cylindrical lock therein. the cylindrical lock has wafers therein. The wafers must be lined up in a certain position to make a shear line so that the key can operate the lock and turn it. The system involves a basic reading key that has a sliding reading bar in the same. When the sliding bar is forwarded all the way into the basic reading key, a reading of its position and depth can be taken and can be compared to a separate chart having indicia thereon pertaining to a particular make, model and year of a certain vehicle. This is accomplished by color coding the basic key reader and the chart to avoid any mistakes. Also, the basic key reader and the slide bar are color coded so, when separated from each, they can easily be reunited. Also, the basic key reader and the sliding bar reader have a way of locking into each other so that they cannot be easily separated from each other. Both of the basic reader key and the bar reader exhibit the same color so that they can always be matched relative to each other.